

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1258	(372/50.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/25 11:31
L3	2334	(372/70,75).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/25 11:32
L4	49	2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:33
L5	322	2 and pump\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:33
L6	0	5 and temperture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:34
L7	198	5 and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:34
L8	1238	"1" and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:34
L9	49	2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:34
L10	221	7 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:34

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L11	218	3 and monolithic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:35
L12	32	10 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:35
L13	407	10 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:36
L14	362	113 and (temperature or heat\$3 or heatsink or heat adj sink or (radiant thermal) adj2 energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:37
L15	9	("20020001328" "20020075935" "5038356" "5461637" "5747366" "5956362" "6535537" "6542530" "6778582").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 12:27
L16	4	("4897444" "5448581" "5648979" "5748661").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 12:27
L17	0	("6973113").URPN.	USPAT	OR	ON	2006/07/25 12:28
L18	10	("4380076" "5131002" "5212701" "5212706" "5231642" "5548610" "5748653" "5796771" "5991318" "6535537").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 12:28
L24	1	(monolithically adj2 integrated and operation and temperature and radiation and pump and vertical). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 13:36

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	"20040141538"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/08 17:07
S3	9	vcsl with pump\$4 and temperature same monolithical\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/08 17:09
S4	237	vcsl with pump\$4 and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/08 17:09
S5	135	vcsl with pump\$4 and temperature and epitaxial\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/08 17:16
S6	1	("5131002").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 17:24
S7	2	((("5,991,318") or ("6,535,537")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 17:25
S8	1	("5796771").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/08 17:26
S9	4	("4897444" "5448581" "5648979" "5748661").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/08 17:43
S10	0	("6535537").URPN.	USPAT	OR	ON	2005/07/10 18:50
S11	9	vcsl same pump adj2 (laser or source) and (heatsink or heat adj2 sink)	USPAT	OR	ON	2005/07/10 18:51
S12	9	("4205278" "4737960" "5159605" "5301204" "5365538" "5436919" "5463649" "5513204" "5574738").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/10 18:53
S13	255493	vcsl same pump same heat adjs sink	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 19:39
S14	4	vcsl same pump same heat adj2 sink	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 19:40

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S15	68	vcSEL with heat adj2 sink	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 19:44
S16	88	(vertical adj2 cavity or vcSEL) with (heat adj2 sink or heatsink)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/24 14:47
S17	20	S16 not S15	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 19:45
S18	198	(vertical adj2 cavity or vcSEL) same (heat adj2 sink or heatsink)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 20:22
S19	110	S18 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 20:38
S20	15	S18 and pump not S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 20:22
S21	95	S19 not S20	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 20:39
S22	51	S21 not curing	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 20:41
S23	6	heat adj2 sink with top same (vertical adj2 emit\$4 or vcSEL)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 20:43
S24	69	heat adj2 sink with (vertical adj2 emit\$4 or vcSEL)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/07/10 20:43
S25	2	"6535537".pn. and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/27 10:28
S26	1615	(372/50.1-50.11,50.124).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/24 17:26

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S27	50	S26 and temperature with pump\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/27 11:40
S28	98	(vcsl or vertical adj2 emit\$4) same pump\$4 same temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/27 13:27
S29	4	("4897444" "5448581" "5648979" "5748661").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 12:54
S30	4	((("5748,653") or ("20020001328"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/27 13:27
S31	334	S26 and vcsl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/27 13:46
S32	106	S26 and vcsl and pump\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/27 13:47
S33	91	S32 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/27 13:47

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S34	44	("3949320" "4633476" "4878104" "4901330" "5008717" "5023879" "5163058" "5165065" "5216687" "5231642" "5291502" "5351256" "5414726" "5461637" "5485014" "5504772" "5513204" "5536085" "5623359" "5625635" "5627853" "5671243" "5680411" "5754578" "5778015" "5793787" "5796771" "5835517" "5841799" "5914976" "5963576" "5966234" "5976905" "5985686" "6026108" "6054335" "6066859" "6097742" "6104739" "6127200" "6167068" "6195381" "6252896" "6285704").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 14:01
S35	9	("4205278" "4737960" "5159605" "5301204" "5365538" "5436919" "5463649" "5513204" "5574738").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 14:25
S36	1	vcsl with temperature and monolithical\$4 with pump	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 14:25
S37	3	vcsl with temperature and monolithic\$4 with pump	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 14:26

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S38	50	("3949320" "4633476" "4878104" "4901330" "5008717" "5023879" "5163058" "5165065" "5216687" "5231642" "5291502" "5351256" "5414726" "5461637" "5485014" "5504772" "5513204" "5536085" "5623359" "5625635" "5627853" "5671243" "5680411" "5754578" "5778015" "5793787" "5796771" "5835517" "5841799" "5914976" "5963576" "5966234" "5976905" "5985686" "6026108" "6054335" "6066859" "6097742" "6104739" "6127200" "6167068" "6195381" "6252896" "6285704" "6339607" "6347108" "6424669" "6553048" "6556610" "6580741").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 14:27
S39	1	("5513204").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 15:09
S40	78	vcsl with optical adj2 pump\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/30 20:42
S41	203	vcsl with optical\$3 adj2 pump\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/30 20:43
S42	146	vcsl with optical\$3 adj2 pump\$4 and (temperature or heat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/30 20:43
S43	1	("5513204").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/31 13:18
S44	134	(long and short) adj2 wavelength same laser same pump\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/31 13:19

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S45	0	(long and short) adj2 wavelength same laser same pump\$4 same temperture	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/31 13:19
S46	20	(long and short) adj2 wavelength same laser same pump\$4 same temperature	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/31 13:44
S47	1582	(372/38.06,50.1-50.11).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/31 15:16
S48	840	S47 and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 13:48
S49	116	S47 and temperature and optical\$2 adj2 pump\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 14:12
S50	9	("20020001328" "20020075935" "5038356" "5461637" "5747366" "5956362" "6535537" "6542530" "6778582").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/31 13:51
S51	71	S47 and heat and optical\$2 adj2 pump\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 14:12
S52	16	S51 not S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 14:26
S53	0	"6535537".pn. and since adj2 no adj3 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 14:26
S54	257	S47 and (heatsink or heat adj sink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 15:17

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S55	328	S47 and (heatsink or heat adj sink or cooling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 15:19
S56	27	(US-20020001328-\$ or US-20020176459-\$ or US-20030026303-\$ or US-20040141538-\$ or US-20020075935-\$ or US-20050226302-\$ or US-20050008056-\$ or US-20050036528-\$).did. or (US-5159605-\$ or US-5513204-\$ or US-5748653-\$ or US-5754578-\$ or US-5796771-\$ or US-5812571-\$ or US-6026108-\$ or US-6252896-\$ or US-6285704-\$ or US-6424669-\$ or US-6434180-\$ or US-6535537-\$ or US-6553048-\$ or US-6580741-\$ or US-6636539-\$ or US-6940885-\$ or US-6973113-\$ or US-5461637-\$).did. or (US-20020001328-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/31 16:58
S57	1	S56 and heatsink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 16:59
S58	13	S56 and (heatsink or heat adj sink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/31 16:59
S59	612	(vertical adj2 (emitting or emitter) or vcsel) same pump\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/24 15:44
S60	11	(vertical adj2 (emitting or emitter) or vcsel) same pump\$4 same (heatsink or heat adj sink)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/24 14:48
S61	129	(vertical adj2 (emitting or emitter) or vcsel) same pump\$3 same (heat or temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/24 15:54
S62	15	(optically adj2 pumped and (vcsel or vertical adj3 emitting)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/24 15:55

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S63	6	(optically adj2 pumped and (vcSEL or vertical adj3 emitting)).ti. and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/24 15:56
S64	6	(optically adj2 pumped and (vcSEL or vertical adj3 emitting)).ti. and (temperature or heat)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/24 15:56
S65	6187	(372/50.1,50.124,69-72,78,92, 98-99).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/24 17:27
S66	3273	S65 and (heat or temperature or radiant adj2 energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/24 17:28
S67	1183	S65 and (heat or temperature or radiant adj2 energy) same pump\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/24 17:28
S68	83	S65 and (heat or temperature or radiant adj2 energy) same pump\$3 and vcSEL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/24 17:28
S69	43	S68 not S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/24 18:57
S70	4389906	vcSEL same optically adj2 pumped same heat or (radiant thermal) adj2 energy or temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/24 18:58
S71	26	vcSEL same optically adj2 pumped same (heat or (radiant thermal) adj2 energy or temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 11:31